

=> b reg

FILE 'REGISTRY' ENTERED AT 11:22:33 ON 16 JUL 2004  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 14 JUL 2004 HIGHEST RN 710278-45-8  
DICTIONARY FILE UPDATES: 14 JUL 2004 HIGHEST RN 710278-45-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

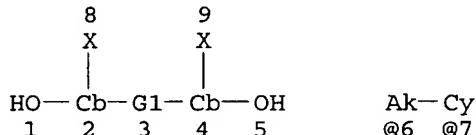
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d que stat l13

L3 SCR 2039 OR 2041 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 O  
R 2054  
L4 SCR 1839  
L6 SCR 1929  
L8 STR



VAR G1=AK/6-2 7-4

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM  
GGCAT IS MCY UNS AT 2  
GGCAT IS MCY UNS AT 4  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

L11 1018507 SEA FILE=REGISTRY ABB=ON PLU=ON PMS/CI  
L13 103 SEA FILE=REGISTRY SUB=L11 CSS FUL (L8 AND L4 AND L6 NOT L3)

100.0% PROCESSED 51277 ITERATIONS  
SEARCH TIME: 00.00.02

103 ANSWERS

=> d his

(FILE 'HOME' ENTERED AT 10:43:59 ON 16 JUL 2004)

Searched by Noble Jarrell

FILE 'REGISTRY' ENTERED AT 10:44:06 ON 16 JUL 2004

L1 STR  
L2 8 L1  
L3 SCR 2039 OR 2041 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 OR 205  
L4 SCR 1839  
L5 3 L1 AND L4 NOT L3  
L6 SCR 1929  
L7 12 L1 AND L4 AND L6 NOT L3  
L8 STR L1  
L9 1 L8 AND L4 AND L6 NOT L3  
L10 1 L8 AND L4 AND L6 NOT L3 CSS SAM  
L11 1018507 PMS/CI  
L12 1 (L8 AND L4 AND L6 NOT L3) CSS SAM SUB=L11  
L13 103 (L8 AND L4 AND L6 NOT L3) CSS FULL SUB=L11

FILE 'HCAPLUS' ENTERED AT 11:07:45 ON 16 JUL 2004

L14 153 L13  
L15 145 L14 AND (PY<=1997 OR AY<=1997 OR PRY<=1997 OR PD<19971107 OR AD  
E KOHN J/AU  
L16 239 E3, E21-24  
E BOLIKAL D/AU  
L17 26 E4  
E PENDHARKAR/AU  
L18 18 E14, E21-22  
E RUTGERS/CS  
E RUTGERS UNIV/CS  
L19 26437 RUTGERS UNIV?/CS, PA  
L20 0 L15 AND L16-18  
L21 0 L15 AND L19  
L22 0 L14 AND L16-18  
L23 0 L14 AND L19  
L24 57 L15 AND P/DT  
L25 16 L24 AND US/PC

FILE 'USPATFULL, USPAT2' ENTERED AT 11:18:05 ON 16 JUL 2004

L26 19 L13  
E KOHN J/AU  
L27 42 E11-12  
E BOLIKAL D/AU  
L28 14 E4  
E PENDHARKAR S/AU  
L29 13 E8-9  
E RUTGERS UNIV/CS  
L30 396 RUTGERS UNIV?/CS, PA  
L31 0 L26 AND L27-29  
L32 0 L26 AND L30  
L33 17 L26 AND (PY<=1997 OR AY<=1997 OR PRY<=1997 OR PD<19971107 OR AD

FILE 'HCAOLD' ENTERED AT 11:21:12 ON 16 JUL 2004

L34 0 L13

=> b hcap

FILE 'HCAPLUS' ENTERED AT 11:23:02 ON 16 JUL 2004

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Searched by Noble Jarrell

=> b reg  
FILE 'REGISTRY' ENTERED AT 12:19:13 ON 16 JUL 2004  
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STRUCTURE FILE UPDATES: 15 JUL 2004 HIGHEST RN 710826-40-7  
DICTIONARY FILE UPDATES: 15 JUL 2004 HIGHEST RN 710826-40-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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conducting SmartSELECT searches.

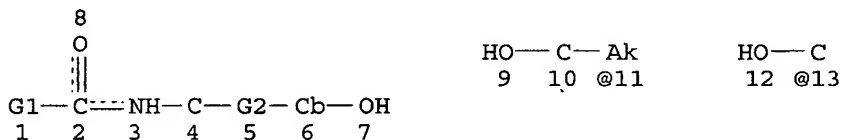
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=> d que stat l42

L11 1018507 SEA FILE=REGISTRY ABB=ON PLU=ON PMS/CI  
L39 SCR 1199  
L40 STR



VAR G1=11/13  
REP G2=(0-1) AK  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
GGCAT IS MCY UNS AT 6  
DEFAULT ECLEVEL IS LIMITED  
ECOUNT IS E6 C AT 6

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE  
L42 67 SEA FILE=REGISTRY SUB=L11 SSS FUL (L40 AND L39)

100.0% PROCESSED 109578 ITERATIONS 67 ANSWERS  
SEARCH TIME: 00.00.02

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FILE 'REGISTRY' ENTERED AT 10:44:06 ON 16 JUL 2004

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 L4 SCR 1839  
 L5 3 L1 AND L4 NOT L3  
 L6 SCR 1929  
 L7 12 L1 AND L4 AND L6 NOT L3  
 L8 STR L1  
 L9 1 L8 AND L4 AND L6 NOT L3  
 L10 1 L8 AND L4 AND L6 NOT L3 CSS SAM  
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 L15 145 L14 AND (PY<=1997 OR AY<=1997 OR PRY<=1997 OR PD<19971107 OR AD  
 E KOHN J/AU  
 L16 239 E3,E21-24  
 E BOLIKAL D/AU  
 L17 26 E4  
 E PENDHARKAR/AU  
 L18 18 E14,E21-22  
 E RUTGERS/CS  
 E RUTGERS UNIV/CS  
 L19 26437 RUTGERS UNIV?/CS,PA  
 L20 0 L15 AND L16-18  
 L21 0 L15 AND L19  
 L22 0 L14 AND L16-18  
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 L29 13 E8-9  
 E RUTGERS UNIV/CS  
 L30 396 RUTGERS UNIV?/CS,PA  
 L31 0 L26 AND L27-29  
 L32 0 L26 AND L30  
 L33 17 L26 AND (PY<=1997 OR AY<=1997 OR PRY<=1997 OR PD<19971107 OR AD

FILE 'HCAOLD' ENTERED AT 11:21:12 ON 16 JUL 2004

L34 0 L13

FILE 'REGISTRY' ENTERED AT 11:43:15 ON 16 JUL 2004

L35 STR  
 L36 11 L35  
 L37 0 L35 SUB=L11 SAM  
 L38 14 L35 NOT L3  
 L39 SCR 1199  
 L40 STR L35  
 L41 0 (L40 AND L39) SAM SUB=L11  
 L42 67 (L40 AND L39) FULL SUB=L11

FILE 'HCAPLUS' ENTERED AT 12:13:28 ON 16 JUL 2004

L43 32 L42  
L44 1 L43 AND L16-18  
L45 1 L43 AND L19  
L46 1 L44-45  
L47 31 L43 NOT L44  
L48 19 L47 AND (PY<=1997 OR AY<=1997 OR PRY<=1997 OR PD<19971107 OR AD

FILE 'USPATFULL, USPAT2' ENTERED AT 12:15:46 ON 16 JUL 2004

L49 7 L42  
L50 0 L49 AND L27-29  
L51 0 L49 AND L30  
L52 4 L49 AND (PY<=1997 OR AY<=1997 OR PRY<=1997 OR PD<19971107 OR AD

FILE 'HCAOLD' ENTERED AT 12:16:50 ON 16 JUL 2004

L53 0 L42

=> b hcap

FILE 'HCAPLUS' ENTERED AT 12:19:39 ON 16 JUL 2004

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FILE COVERS 1907 - 16 Jul 2004 VOL 141 ISS 4

FILE LAST UPDATED: 15 Jul 2004 (20040715/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> d bib abs hitstr 148 tot